

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	1 of 8		Attorney Docket Number	15436.247.2.1.4

U.S. PATENT APPLICATIONS

Examiner Initials*	Cite No.	Application Number	Filing Date	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	10697395	10/30/2003	Hofmeister et al	

U.S. PATENTS

Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4359553	11/16/1982	Edwards	
	2	4378451	3/29/1983	Edwards	
	3	4687924	8/18/1987	Galvin et al	
	4	4734914	3/29/1988	Yoshikawa	
	5	4747091	5/24/1988	Doi	
	6	4809286	2/28/1989	Kollanyi et al	
	7	4916707	4/10/1990	Rosenkranz	
	8	5019769	5/28/1991	Levinson	
	9	5039194	8/13/1991	Block et al	
	10	5041491	8/20/1991	Turke et al	
	11	5268949	12/7/1993	Watanabe et al	
	12	5287375	02/1994	Fujimoto	
	13	5334826	8/2/1994	Sato et al	
	14	5383208	1/17/1995	Queniat et al	
	15	5392273	2/21/1995	Masaki et al.	
	16	5396059	3/7/1995	Yeates	
	17	5448629	9/5/1995	Bosch et al.	
	18	5516563	5/14/1996	Schumann et al.	
	19	5557437	9/17/1996	Sakai et al.	
	20	5574435	11/12/1996	Mochizuki	
	21	5576877	11/19/1996	Aulet et al.	
	22	5594748	1/14/1997	Jabr	
	23	5604758	02/1997	AuYeung et al.	
	24	5673282	9/30/1997	Wurst	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	2 of 8		Attorney Docket Number	15436.247.2.1.4

	25	5748672	05/1998	Smith et al.	
	26	5761216	6/2/1998	Sotome et al.	
	27	5801866	9/1/1998	Chan et al.	
	28	5812572	9/22/1998	King et al.	
	29	5926303	7/20/1999	Giebel et al.	
	30	5953690	9/14/1999	Lemon et al.	
	31	5956168	9/21/1999	Levinson et al.	
	32	5966395	10/1999	Ikeda	
	33	5978417	11/02/1999	Baker et al	
	34	5999294	12/1999	Petsko	
	35	6049413	04/2000	Taylor	
	36	6055252	04/2000	Zhang	
	37	6064501	5/16/2000	Roberts et al.	
	38	6157022	12/5/2000	Meada et al.	
	39	6160647	12/12/2000	Gilliland et al.	
	40	6175434	01/2001	Feng	
	41	6188059	2/13/2001	Nishlyama et al.	
	42	6198558	03/2001	Graves et al.	
	43	6205505	3/20/2001	Jau et al.	
	44	6215565	4/10/2001	Davis et al	
	45	6222660	4/24/2001	Traa	
	46	6229788	05/2001	Graves et al.	
	47	6252692	6/26/2001	Roberts	
	48	6272154	8/7/2001	Bala et al	
	49	6292497	09/2001	Nakano	
	50	6313459	11/2001	Hoffe et al.	
	51	6317232	11/13/2001	Fee et al	
	52	6384948	5/7/2002	Williams et al.	
	53	6423963	7/23/2002	Wu	
	54	6469782	10/22/2002	Schaepperle	
	55	6473224	10/29/2002	Dugan et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	3 of 8		Attorney Docket Number	15436.247.2.1.4

	56	6512617	1/28/2003	Tanji et al.	
	57	6519255	02/2003	Graves	
	58	6526076	02/2003	Cham et al.	
	59	6538783	5/25/2003	Stephens	
	60	6570149	05/2003	Maruyama et al.	
	61	6594050	07/2003	Jannson et al.	
	62	6631144	10/07/2003	Johansen	
	63	6631146	10/2003	Pontis et al.	
	64	6643472	11/2003	Sakamoto et al.	
	65	6661836	12/2003	Dalal et al.	
	66	6661973	12/09/2003	Huber et al	
	67	6665498	12/16/2003	Jiang et al	
	68	6694462	02/2004	Reis et al.	
	69	6712527	3/30/2004	Chan et al.	
	70	6748181	06/2004	Miki et al.	
	71	6765445	7/20/2004	Perrott et al	
	72	6829436	12/07/2004	Koh et al	
	73	6832052	12/14/2004	Marmur	
	74	6909848	6/21/2005	Kim et al	
	75	6937949	08/2005	Fishman et al.	
	76	6941077	09/2005	Aronson et al.	
	77	6952531	10/2005	Aronson et al.	
	78	6956847	10/18/2005	Heston et al	
	79	7020567	03/2006	Fishman et al.	
	80	7031615	4/18/2006	Gentile	
	81	7058310	06/2006	Aronson et al.	
	82	7099382	8/29/2006	Aronson et al	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	4 of 8		Attorney Docket Number	15436.247.2.1.4

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	20010046242	11/2001	Kawakami et al.	
	2	20010046243	11/2001	Schie	
	3	20020027688	03/2002	Stephenson	
	4	20020034222	3/21/2002	Buchwald et al	
	5	20020075981	6/20/2002	Tang et al	
	6	20020080447	6/27/2002	Fells et al	
	7	20020097468	07/2002	Mecherle et al.	
	8	20020097682	7/25/2002	Enam et al	
	9	20020101641	08/2002	Kurchuk	
	10	20020105982	08/2002	Chin et al.	
	11	20020110157	8/15/2002	Jorgenson et al	
	12	20020114061	8/22/2002	Naito et al	
	13	20020129379	09/2002	Levinson et al.	
	14	20020131132	9/19/2002	Tanaka et al	
	15	20020149821	10/2002	Aronson et al.	
	16	20020163960	11/07/2002	Blodgett et al	
	17	20020176518	11/28/2002	Xu	
	18	20020181519	12/2002	Vilhelmsson et al.	
	19	20020181573	12/05/2002	Dohmen et al	
	20	20020181894	12/2002	Gilliand et al.	
	21	20030002108	1/2/2003	Ames et al	
	22	20030011847	1/16/2003	Dai et al	
	23	20030039207	2/27/2003	Maeda et al	
	24	20030110509	06/2003	Levinson et al.	
	25	20030113118	06/2003	Bartur	
	26	20030169790	09/2003	Chieng et al.	
	27	20030210917	11/2003	Stewart et al.	
	28	20030219085	11/07/2003	Endres et al	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	5 of 8		Attorney Docket Number	15436.247.2.1.4

	29	20040033079	2/19/2004	Sheth et al	
	30	20040076113	4/22/2004	Aronson et al	
	31	20040091028	5/13/2004	Aronson et al	
	32	20040120720	06/2004	Chang et al.	
	33	20040153913	08/2004	Fishman et al.	
	34	20040202210	10/2004	Thornton	
	35	20040240886	12/2004	Aronson et al.	
	36	20040253003	12/2004	Farmer et al.	
	37	20050031352	02/2005	Light et al.	
	38	20050058455	03/2005	Hosking et al.	
	39	20050111845	5/26/2005	Nelson et al	
	40	20050169585	8/4/2005	Aronson et al	
	41	20050213982	09/2005	Weber	
	42	20050281193	12/22/2005	Hofmeister et al	
	43	20070031153	2/8/2007	Aronson et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Country Code	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
	1	DE 10065034	DE	8/9/2001			<input checked="" type="checkbox"/>
	2	EP 0437161	EP	6/19/1996			<input type="checkbox"/>
	3	EP 0745868	EP	04/2002			<input type="checkbox"/>
	4	EP 1471671	EP	12/2004			<input type="checkbox"/>
	5	JP 06209209	JP	07/1994			<input checked="" type="checkbox"/>
	6	JP 09162811	JP	06/1997			<input checked="" type="checkbox"/>
	7	JP 402102589	JP	04/1990			<input checked="" type="checkbox"/>
	8	JP 404023373	JP	01/1992			<input checked="" type="checkbox"/>
	9	JP 58140175	JP	08/1983			<input checked="" type="checkbox"/>
	10	JP 62124576	JP	06/1987			<input checked="" type="checkbox"/>
	11	JP 62235975	JP	10/1987			<input checked="" type="checkbox"/>
	12	JP 62281485	JP	12/1987			<input checked="" type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	6 of 8		Attorney Docket Number	15436.247.2.1.4

	13	WO 02/063800	PCT	08/2002			<input type="checkbox"/>
	14	WO 98/00893	PCT	01/1998			<input type="checkbox"/>
	15	WO 98/00943	PCT	08/1998			<input type="checkbox"/>
	16	WO/2004/098100	PCT	11/2004			<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
	1	"Application Note: T2525/26/27", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
	2	"IR Receiver ASSP: T2525", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
	3	"IR Receiver for Data Communication: U2538B", copyright 2003 by Atmel Corporation	<input type="checkbox"/>
	4	"Low-Voltage Highly Selective IR Receiver IC: T2527", copyright 2002 by Atmel Corporation	<input type="checkbox"/>
	5	Finisar Corp., "App. Note AN-2025: Using the Finisar GBIC I2C Test Diagnostics Port," 1998.	<input type="checkbox"/>
	6	Hausdorf, Reiner, "Mobile Transceiver Measurements with Radiocommunication Service Monitor CMS," News from Rohde & Schwarz, 127, IV, 1989, pp 4-7.	<input type="checkbox"/>
	7	Kaminishi, K. et al., Si Bipolar 3.3V Transmitter/Receiver IC Chip Set for 1Gb/s 12-Channel Parallel Optical Interconnects, IEEE International Solid-State Circuits Conference, ISSCC, Digest of Technical Papers, 1999 Paper WP 22.1.	<input type="checkbox"/>
	8	MAEDA, Noriyuki "Notification of Reason(s) for Refusal," Japanese Patent Application No. JP2002-563630, Nakamura, M. et al., July 13, 2005.	<input type="checkbox"/>
	9	Manchester Encoding [online] [retrieved 11/12/03]. Retrieved from Internet: URL: http://www.erg.abdn.ac.uk/users/gorry/course/phy-pages/man.html	<input type="checkbox"/>
	10	Optiport SFF BiDi-Transceiver 100 Mbit/s, 1310 nm Tx/1550 nm Rx, Infineon Technologies, June 22, 2004, pp. 1-14.	<input type="checkbox"/>
	11	Webopedia.com: 12C [retrieved 11/11/03 from the Internet] http://www.webopedia.com/TERM/I/12C.html	<input type="checkbox"/>
	12	Webopedia.com: MAC Address [retrieved 10/15/03 from the Internet] http://www.webopedia.com/TERM/M/MAC_address.html	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Application Number	10/629,302
			Filing Date	07/28/2003
			First Named Inventor	Lewis B. Aronson et al.
			Art Unit	2613
			Examiner Name	Jason Chan
Sheet	7 of 8		Attorney Docket Number	15436.247.2.1.4

	13	Webopedia.com: Public-Key Encryption [retrieved 10/15/03 from the Internet] http://www.webopedia.com/TERM/p/public_key_cryptography.html	<input type="checkbox"/>
	14	Webopedia: The 7 Layers of the OSI Model [retrieved 10/15/03 from the Internet] http://webopedia.internet.com/quick_ref/OSI_Layers.asp	<input type="checkbox"/>
	15	Yi Cai et al., "Jitter testing for gigabit serial communication transceivers," Jan -Feb 2002, IEEE Design and Test of Computers, Vol. 19, Issue 1, pp 66-74.	<input type="checkbox"/>

OFFICE ACTION / NOTICE OF ALLOWANCE DOCUMENTS

Examiner Initials*	Cite No.	Application Number	Mail Date	Document
	1	10420027	01/25/2006	Office Action
	2	10420027	09/07/2006	Office Action
	3	10420027	05/16/2007	Office Action
	4	10629725	10/17/2005	Office Action
	5	10629725	04/11/2006	Notice of Allowance
	6	10629301	08/09/2007	Office Action
	7	10629228	01/24/2006	Office Action
	8	10629228	09/01/2006	Office Action
	9	10629228	05/24/2007	Office Action
	10	10697395	01/24/2006	Office Action
	11	10697395	09/27/2006	Office Action
	12	10697395	05/09/2007	Office Action
	13	10697395	11/15/2007	Office Action
	14	10884334	06/12/2007	Office Action

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant is to place a check mark here if English language translation is attached.